

Form C-104
Rev. 02/2009

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

☐ Conceptual Proposal ☐ Final Proposal Date 3-01-10

Contract ID 100122-606 Job No. J6U1028S

County St. Charles 364 Original Bid Cost \$7,060,458.79

Contractor Kolb Grading, Inc. By Brian Van Cardo

Designed By Brian Van Cardo Phone 314-575-8296

VECP# 10-84 (to be completed by C.O.) VECP ☐ or PDVECP ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
Remove proposed Temporary Shoring required for construction of Box Culvert on J6U1028B.
Shoring required to safely construct box culvert and support pavement at intersection of Mid Rivers
Mall Dr. and North Outer Road. We proposed eliminating shoring and portion of pavement to be
determined later, this area capable of being laid back therefore saving shoring cost.

2. Estimate of reduction in construction costs. \$5,000.00
3. Prediction of any effects the proposed change(s) will have on other department costs, such as
maintenance and operations.
N/A

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the
Specifications.

N/A
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of
contract completion time or delivery schedule.

4-01-10
(date)

Disruption in construction sequence and staging
(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A
(date and/or dates)

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments: I recommend approval of this VE Proposal. The shoring can be eliminated by laying back the slope. The design work for the temp. shoring is complete and therefore the designs costs will be deducted from the savings.



Submitted By Resident Engineer

8-26-10

Date

Comments:



Digitally signed by Matthew Budd
DN: cn=Matthew Budd, o=MoDOT,
ou=D6 Construction and Materials,
email=Matthew.Budd@modot.mo.gov,
c=US

Date: 2010.08.27 11:11:12 -05'00'

☒ Approval
Recommended

☐ Rejection
Recommended

District Engineer

Date

Comments:

N/A

☐ Approval
Recommended

☐ Rejection
Recommended

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

Approved on the merits of the proposal. Denis Glascock 8/30/2010



Digitally signed by Denis Glascock
DN: cn=Denis Glascock, c=US, o=MoDOT, ou=3H35,
email=Denis.Glascock@modot.mo.gov
Date: 2010.08.30 12:24:19 -05'00'

☒ Approval

☐ Rejection

State Construction and Materials Engineer

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA
Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☒ Misc

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

This VE involves elimination of shoring by sloping the earthwork during the phase where shoring was initially intended.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
